Excecutive Engineer Yelahanka Division

Improvements to roads and drains at Ambhabhavani layout and Maruthi Layout in ward no-03 of Yelahanka Satellite Town Sub Division (Package -7)

1 Construction of RCC Drain and culverts balance main and cross roads of Ambhabhavani layout in ward no-03 of Yelahanka Satellite Town Sub Division

2 Construction of RCC Drain and culverts balance main and cross roads of Maruthi layout in ward no-03 of Yelahanka Satellite Town Sub Division

Quantity Abstract (Estimate Wise)

Sl No	Description of Item	Unit	Ambhabhavani Layout	Maruthi Layout	Total Quantity as per Estimation	Rate, Rs	Amount, Rs
			1	2			
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum	820.44	760.96	1581.40	215.28	340443.79
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum	148.28	151.44	299.72	5421.90	1625024.76
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)	Cum	270.72	292.01	562.73	7070.20	3978616.47
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tn	17.02	17.66	34.68	73992.24	2566297.72

5	Providing and fixing RCC precast cover slab of 200mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	678.60	757.80	1436.40	2337.00	3356866.80
6	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	60.48	10.80	71.28	5418.00	386195.04
7	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)	Nos	1282.00	1016.00	2298.00	432.48	993839.04
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)	Sqm	173.10	137.10	310.20	84.80	26304.96
						Construction Cost	13273589
						12% GST	1592831
						DPR and PMC Charges	132736
						Sub Total	14999156
						Miscellaneous	845
						Grand Total	15000000

Technical Sanction
Accorded for R.S.I.S.C.R.A. Works only
Head of A/C...P.3329.....
CER NO :...220..... Dt...07.01.2020

TA CE (YNK)

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 21-10-2019 and Data Rates

Assistant Engineer
Yelahanka Division
BBMP Bangalore

Sanction for Rs. 150.00 Lakhs
One Crore fifty Lakhs only
P.3739
Special development works
2019-20
Registered
No.EE/Y.NK/AS/01/2020-21

Asst. Executive Engineer
Yelahanka Division
BBMP Bangalore

Executive Engineer
Yelahanka Division
BBMP Bangalore